

20192

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5056
Name: F.G. Holl Company L.L.C.
Address: 6427 E. Kellogg, P.O. BOX 780167
City/State/Zip: Wichita, KS. 67278-0167
Purchaser: NCRA
Operator Contact Person: Elwyn H. Nagel
Phone: (316) 684-8481
Contractor: Name: Sterling Drilling Company
License: 5142
Wellsite Geologist: Franklin R. Greenbaum
Date Type of Completion:
☒ New Well ☐ Re-Entry ☒ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: F.G. Holl Company, L.L.C.
Well Name: Rader 3-18 "OWWO"
Original Comp. Date: 8/1/90 Original Total Depth: 3635'
☐ Deepening ☒ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. ☐
☐ Dual Completion ☐ Docket No. ☐
☐ Other (SWD or Enhr.?) ☐ Docket No. ☐
04-06-2000 07/01/1990 04-14-2000
Spud Date or Date Reached TD Completion Date or Recompletion Date

CONSERVATION DIVISION
Wichita, Kansas

API No. 15 - 185-22,690-0001
County: Stafford
SE NW SE Sec. 18 Twp. 21S S. R. 11W ☐ East ☒ West
1650' feet from (S) / N (circle one) Line of Section
1650' feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Rader 3-18 "OWWO" Well #: 3-18
Field Name: Sandago
Producing Formation: Arbuckle
Elevation: Ground: 1801 Kelly Bushing: 1810
Total Depth: 3635 Plug Back Total Depth: 3535
Amount of Surface Pipe Set and Cemented at 274 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes show depth set: Feet
If Alternate II completion, cement circulated from
feet depth to w/ sx cmt.
Drilling Fluid Management Plan Re-work, 8-2-00
(Data must be collected from the Reserve Pit)
Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Elwyn H. Nagel
Title: Elwyn H. Nagel, Manager Date: 06/15/2000
Subscribed and sworn to before me this 15th day of June, 2000
Notary Public: Danny Dodd
Date Commission Expires: 4-2-01

DANNY DODD
Notary Public - State of Kansas
My Appt. Expires 4-2-01

KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
☐ Wireline Log Received
☐ Geologist Report Received
☒ UIC Distribution
IOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken
(Attach Additional Sheets)

☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ No

Electric Log Run
(Submit Copy)

☒ Yes ☐ No

List All E. Logs Run:

STD #1 (3183-3266) LANS "A"- "F"
1) NB, Flush, 5 1/2" Blow
2) WK - Fair 5" Blow
REC: 60' SOSpkM
IHP:1589 IFP: 99-101:30" ISIP:847:60"
FHP:1599 FFP: 162-183:60" FSIP: 752:90 BHT:108F

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite Top	565 (+1245) Lansing	3180 (-137)
Anhydrite Base	583 (+1227) BKC	3396 (-158)
Howard	2652 (- 842) Marmaton	3399 (-158)
Topeka	2748 (- 938) Conglomer.	3420 (-161)
Heebner	3034 (-1224) Simpson SH3434	(-162)
Toronto	3054 (-1244) Simpson SD3446	(-163)
Douglas	3036 (-1226) Arbuckle	3479 (-166)
Brown Lime	3163 (-1353) RTD	3635 (-182)
	LTD	3635 (-182)

Casing Record <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8" (N)	23#	274'	60/40 POZ	225 sx	2% Gel, 3%CC
Production	7 7/8"	5 1/2" (N)	14#	3627'	50/50 Poz Lite	50 125	Gilsonite

Additional Cementing / Squeeze Record				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3542-3546 (Arbuckle)	SWB: Wtr. Repert. SWB: Wtr. Acidize with 500 gals of 10% Acetic acid.	3546'
4 SPF	3505-3525 (Arbuckle)	SWB: 12BLS/HR. all oil. Acidize with 500 gals of 15% DSFE acid.	3535'
2 SPF	3490-3498', 3480-3488' (Arbuckle)	Acidize with 1,500 gals of 15% DSFE acid.	3490'
C.I.B.P.	3535'		

TUBING RECORD

Size 2 3/8" Set At 3523' Packer At 3523' Liner Run ☐ Yes ☒ No

Date of First, Resumerd Production, SWD or Enhr.

Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

Oil Bbls. 12 Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 3490'-3525" OA

(If vented, Sumit ACO-18.) ☐ Other (Specify)